IT – Network Administration

(AAS.ITNET) Associate in Applied Science Degree

Information Technology

You might also like:

Workforce Ready
- Computer Applications Specialist – page 44
- Computer Technician – page 46
- Computer Troubleshooting – page 47
- Desktop Publishing Graphic Design – page 59
- Electronic Communication Technician – page 63
- IT–Computer Applications – page 81
- IT–Computer Game Development – page 83
- IT–Digital Media Specialist – page 84
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- IT–Programming – page 87
- IT–Web Technology – page 89

The concentration in Network Administration provides an intensive course of study that prepares a student to work in a business environment while maintaining or administering a microcomputer network. The core required classes cover general areas in information technology and the concentration classes cover both the physical network and operating system environment in great detail. Many of the classes can be used as preparation for various hardware, networking, and OS certifications from Microsoft, CompTIA, Cisco and others.

Program requirements may change over time. Specific degree/graduation requirements are determined by the students' degree audit.

FIRST YEAR

First Semester			Hours
☐	EET 060	Computer Hardware	3
☐	CIS 156	Computer Logic *	3
☐	CIS 160	Practical Software Applications *	3
☐	CIS 071	Introduction to Networking *or*	
	CIS 101	Internet Systems and Applications	2
☐	SFS 101	Strategies for Success *or*	
	PED ---	P.E. Elective *or*	
	HED ---	Health Elective	2
☐	CIS 099	Web Page Design *	3
		SEMESTER TOTALS	**16**

Second Semester			
☐	CIS 079	Client Operating Systems	3
☐	CIS 081	Network Essentials *	3
☐	ENG 120	Composition I *	3
☐	CIS 060	Project Management †	2
☐	MAT 090	Math for Computer Occupations * *or*	
	MAT 1---	Math Elective *	3
☐	SPE 111	Introduction to Speech Communication	3
		SEMESTER TOTALS	**17**

SECOND YEAR

First Semester			Hours
☐	CIS 084	Server Operating Systems *	3
☐	CIS 087	TCP/IP and Routing * †	3
☐	CIS 073	Survey of Operating Systems †	3
☐	ECO 231	Principles of Economics *or*	
	--- ---	Social Science Elective	3
☐	PSY 271	Psychology *or*	
	--- ---	Social Science Elective	3
☐	BUS 142	Introduction to Business	3
		SEMESTER TOTALS	**18**

Second Semester			
☐	CIS 074	IT Seminar *	1
☐	ITT 043	Network Administration Internship	2
☐	CIS 085	Advanced Server Operating Systems *	3
☐	CIS 089	Advanced Routing * †††	3
☐	CIS 070	Network Security * †	3
☐		IT Elective **	2
☐	CIS 053	Wireless Networking * †††	3
		SEMESTER TOTALS	**17**
		TOTAL PROGRAM HOURS	**68**

* There are prerequisites, course requisites or minimum placement test scores for this course
** Electives must be approved by Program Coordinator
† Course only offered fall semester
††† Course only offered spring semester

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